

IN THE CLAIMS

Please AMEND the claims as follows:

1. (Withdrawn) A substantially purified nucleic acid molecule comprising a nucleic acid sequence with at least 70% sequence identity to a sequence selected from the group consisting of SEQ ID NO : 12, SEQ ID NO : 13, SEQ ID NO : 14, SEQ ID NO : 4, complements thereof, and fragments of either.

2. (Withdrawn) A recombinant nucleic acid molecule comprising as operably linked components: (a) a promoter that functions in a plant cell to cause production of an mRNA molecule; and (b) a nucleic acid sequence that hybridizes under high stringency conditions to a nucleic acid sequence selected from the group consisting of SEQ ID NO : 4, SEQ ID NO : 12, SEQ ID NO : 13, and SEQ ID NO : 14, complements thereof, and fragments of either.

3. (Currently Amended) A transformed soybean plant having a nucleic acid molecule that ~~comprises comprising~~ (a) a first heterologous promoter operably linked to a first nucleic acid molecule having a first nucleic acid sequence polynucleotide that has 85% or greater identity to a nucleic acid sequence selected from the group consisting of SEQ ID NOs : 1 through SEQ ID NO : 2, complements thereof, and fragments of either, and (b) a second nucleic acid molecule with a second nucleic acid sequence that has 85% or greater identity to a nucleic acid sequence selected from the group consisting of SEQ ID NO : 4 through SEQ ID NO : 14, complements thereof, and fragments of either, wherein the second nucleic acid molecule is operably linked to the first promoter in a polycistronic configuration or to a second promoter, wherein said plant produces seed with more oleic acid than a plant having a similar genetic background but lacking said nucleic acid sequence.

4. (Currently Amended) The transformed soybean plant according to claim 3, wherein ~~a single promoter is operably linked to the first and second nucleic acid molecules~~ a seed of said transformed soybean plant exhibits a modified fatty acid composition that is about 60-80% oleic acid.

5. (Currently Amended) The transformed soybean plant according to claim 4, wherein ~~the single~~ said promoter is a seed specific promoter.
6. (Currently Amended) The transformed soybean plant according to claim 3, wherein ~~the first promoter and the second promoter are both seed-specific promoters~~ said polynucleotide has at least 90% identity to SEQ ID NO:1, a complement thereof, or a fragment of either.
7. (Currently Amended) The transformed soybean plant according to claim 6 ~~3~~, wherein ~~the first said promoter and the second promoter are both~~ is a 7S promoters.
8. (Currently Amended) The transformed soybean plant according to claim 3, wherein ~~the first promoter is different from the second promoter~~ said polynucleotide has at least 95% identity to SEQ ID NO:1, a complement thereof, or a fragment of either.
9. (Currently Amended) The transformed soybean plant according to claim 8 ~~3~~, wherein ~~the first promoter is a 7S promoter and the second promoter is a napin promoter~~ said polynucleotide is SEQ ID NO:1, a complement thereof, or a fragment of either.
10. (Currently Amended) The transformed soybean plant according to claim 3, wherein said ~~first~~ nucleic acid molecule is transcribed and is capable of selectively reducing the level of a transcript encoded by a *FAD2-1* gene while leaving the level of a transcript encoded by a *FAD2-2* gene partially unaffected.
11. (Currently Amended) The transformed soybean plant according to claim 3, wherein said ~~first~~ nucleic acid molecule is transcribed and is capable of selectively reducing the level of a transcript encoded by a *FAD2-1* gene while leaving the level of a transcript encoded by a *FAD2-2* gene substantially unaffected.
12. (Currently Amended) The transformed soybean plant according to claim 3, wherein ~~said first nucleic acid molecule is transcribed and is capable of selectively reducing the level of a transcript encoded by a FAD2-1 gene while leaving the level of a transcript encoded by a FAD2-2 gene essentially unaffected~~ a seed of said transformed soybean plant exhibits a modified fatty acid composition that is about 65-75% oleic acid.

13. (Currently Amended) A transformed soybean plant having ~~two or more~~ a nucleic acid molecule[[s]] comprising wherein each nucleic acid molecule is operably linked to a heterologous promoter and wherein each nucleic acid molecule has operably linked to a nucleic acid sequence that has 85% or greater identity to a nucleic acid sequence selected from the group consisting of SEQ ID NOs: 1, 2, 4-14, complements thereof, and fragments of either, wherein a seed of said transformed soybean plant exhibits a modified fatty acid composition that is about 50-90% oleic acid..

14. (Currently Amended) The transformed soybean plant according to claim 13, wherein ~~a first said nucleic acid molecule~~ sequence is transcribed and is capable of selectively reducing the level of a transcript encoded by a ~~first~~ *FAD2-1* gene while leaving the level of a transcript encoded by a ~~second~~ *FAD2-2* gene partially unaffected, substantially unaffected or essentially unaffected.

15. (Withdrawn) A transformed soybean plant, wherein the level of a transcript encoded by a gene selected from the group consisting of *FAD2-1A*, *FAD2-1B*, *FAD2-2B*, *FAD3-1A*, *FAD3-1B*, *FAD3-1C* is selectively reduced while leaving the level of a transcript encoded by a different gene selected from the group consisting of *FAD2-1A*, *FAD2-1B*, *FAD2-2B*, *FAD3-1A*, *FAD3-1B*, *FAD3-1C* at least partially unaffected.

16. (Withdrawn) A method of producing a soybean plant having a seed with reduced linolenic acid content comprising: transforming a soybean plant with a nucleic acid molecule that comprises (a) a first promoter operably linked to a first nucleic acid molecule having a first nucleic acid sequence that has 85% or greater identity to a nucleic acid sequence selected from the group consisting of SEQ ID NOs: 1, 2, complements thereof, and fragments of either, and (b) a second nucleic acid molecule having a second nucleic acid sequence that has 85% or greater identity to a nucleic acid sequence selected from the group consisting of SEQ ID NO : 4 through SEQ ID NO : 14, complements thereof, and fragments of either, wherein the second nucleic acid molecule is operably linked to the first promoter or a second promoter; and growing said plant, wherein said plant produces seed with less linolenic acid than a plant having a similar genetic background but lacking said nucleic acid molecule.

17. (Withdrawn) A method of producing a soybean plant having a seed with increased oleic acid content comprising: transforming a soybean plant with a nucleic acid molecule that comprises (a) a first promoter operably linked to a first nucleic acid molecule having a first nucleic acid sequence that has 85% or greater identity to a nucleic acid sequence selected from the group consisting of SEQ ID NO: 1 through SEQ ID NO : 2, complements thereof, and fragments of either, and (b) a second nucleic acid molecule having a second nucleic acid sequence that has 85% or greater identity to a nucleic acid sequence selected from the group consisting of SEQ ID NO : 4 through SEQ ID NO : 14, complements thereof, and fragments of either, wherein the second nucleic acid molecule is operably linked to the first promoter or a second promoter; and growing said plant, wherein said plant produces seed with more oleic acid than a plant having a similar genetic background but lacking said nucleic acid molecule.

18. (Withdrawn) A method of producing a plant having a seed with a modified oil composition comprising: transforming a plant with a nucleic acid molecule that comprises, as operably linked components, a first promoter and a first nucleic acid molecule having a first nucleic acid sequence that has 85% or greater identity to a nucleic acid sequence selected from the group consisting of SEQ ID NOS: 1, 2,4 through 14, complements thereof, and fragments of either; and growing said plant, wherein said plant produces seed with a modified oil composition compared to a plant having a similar genetic background but lacking said nucleic acid molecule.

19. (Withdrawn) A method of producing a plant having a seed with an altered ratio of monounsaturated to polyunsaturated fatty acids comprising: transforming a plant with a construct that comprises, as operably linked components, two or more nucleic acid molecules, each having a nucleic acid sequence that has 85% or greater identity to a nucleic acid sequence selected from the group consisting of SEQ ID NOS: 1, 2,4 through 14, complements thereof, and fragments of either, wherein each nucleic acid molecule is operably linked to a promoter; and, growing said plant, wherein said plant produces seed with an altered ratio of monounsaturated to polyunsaturated fatty acids compared to a plant having a similar genetic background but lacking said two or more nucleic acid molecules.

20. (New) The transformed soybean plant according to claim 13, wherein said nucleic acid sequence has at least 90% identity to SEQ ID NO:1, a complement thereof, or a fragment of either.

21. (New) The transformed soybean plant according to claim 13, wherein said nucleic acid sequence has at least 95% identity to SEQ ID NO:1, a complement thereof, or a fragment of either.